

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION:

PRE-PATTERN SURFACE MODIFICATION FOR LOW-K DIELECTRICS

POWER OF ATTORNEY:

I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH

Jacqueline J. Garner, Reg. No. 36,144; Wade James Brady III, Reg. No. 32,080;
Mark A. Valetti, Reg. No. 36,707; Carlton H. Hoel, Reg. No. 29,934; Jay M. Cantor, Reg. No. 19,906;
William B. Kempler, Reg. No. 28,288; Frederick J. Telecky, Jr., Reg. No. 29,979.

SEND CORRESPONDENCE TO:

Jacqueline J. Garner
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265

DIRECT TELEPHONE CALLS TO:

Jacqueline J. Garner
(972)271-1176 or
(972) 917-5643

NAME OF INVENTOR:

(1)

Brian K. Kirkpatrick

NAME OF INVENTOR:

(2)

Michael Morrison

NAME OF INVENTOR:

(3)

Andrew J. McKerrow

RESIDENCE & POST OFFICE ADDRESS:

509 Potomac Lane
Allen, Texas 75013

RESIDENCE & POST OFFICE ADDRESS:

4630 S. Lakeshore Dr., Apt. 192
Tempe, Arizona 85282

RESIDENCE & POST OFFICE ADDRESS:

7216 Claybrook Drive
Dallas, Texas 75001

COUNTRY OF CITIZENSHIP:

U.S.A.

COUNTRY OF CITIZENSHIP:

U.S.A.

COUNTRY OF CITIZENSHIP:

Canada

SIGNATURE OF INVENTOR:

Brian K. Kirkpatrick

SIGNATURE OF INVENTOR:

SIGNATURE OF INVENTOR:

DATE:

1/10/01

DATE:

DATE:

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56;

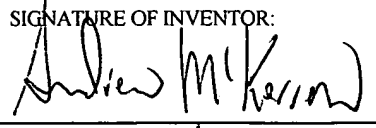
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

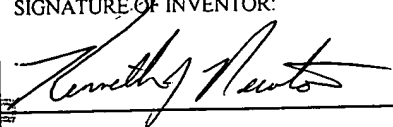
TITLE OF INVENTION:		
PRE-PATTERN SURFACE MODIFICATION FOR LOW-K DIELECTRICS		
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH		
Jacqueline J. Garner, Reg. No. 36,144; Wade James Brady III, Reg. No. 32,080; Mark A. Valetti, Reg. No. 36,707; Carlton H. Hoel, Reg. No. 29,934; Jay M. Cantor, Reg. No. 19,906; William B. Kempler, Reg. No. 28,288; Frederick J. Telecky, Jr., Reg. No. 29,979.		
SEND CORRESPONDENCE TO:		DIRECT TELEPHONE CALLS TO:
Jacqueline J. Garner Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, TX 75265		Jacqueline J. Garner (972)271-1176 or (972) 917-5643
NAME OF INVENTOR: (1)	NAME OF INVENTOR: (2)	NAME OF INVENTOR: (3)
Brian K. Kirkpatrick	Michael Morrison	Andrew J. McKerrow
RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:
509 Potomac Lane Allen, Texas 75013	4630 S. Lakeshore Dr., Apt. 192 Tempe, Arizona 85282	7216 Claybrook Drive Dallas, Texas 75001
COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:
U.S.A.	U.S.A.	Canada
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:
	<i>Michael Morrison</i>	
DATE:	DATE:	DATE:
	1/17/01	

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**


As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: PRE-PATTERN SURFACE MODIFICATION FOR LOW-K DIELECTRICS		
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Jacqueline J. Garner, Reg. No. 36,144; Wade James Brady III, Reg. No. 32,080; Mark A. Valetti, Reg. No. 36,707; Carlton H. Hoel, Reg. No. 29,934; Jay M. Cantor, Reg. No. 19,906; William B. Kempler, Reg. No. 28,288; Frederick J. Telecky, Jr., Reg. No. 29,979.		
SEND CORRESPONDENCE TO: Jacqueline J. Garner Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, TX 75265		DIRECT TELEPHONE CALLS TO: Jacqueline J. Garner (972)271-1176 or (972) 917-5643
NAME OF INVENTOR: (1) Brian K. Kirkpatrick	NAME OF INVENTOR: (2) Michael Morrison	NAME OF INVENTOR: (3) Andrew J. McKerrow
RESIDENCE & POST OFFICE ADDRESS: 509 Potomac Lane Allen, Texas 75013	RESIDENCE & POST OFFICE ADDRESS: 4630 S. Lakeshore Dr., Apt. 192 Tempe, Arizona 85282	RESIDENCE & POST OFFICE ADDRESS: 7216 Claybrook Drive Dallas, Texas 75001
COUNTRY OF CITIZENSHIP: U.S.A.	COUNTRY OF CITIZENSHIP: U.S.A.	COUNTRY OF CITIZENSHIP: Canada
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR: 
DATE:	DATE:	DATE: 1/11/07

NAME OF INVENTOR: (4) Kenneth J. Newton	NAME OF INVENTOR: (5) Dirk N. Anderson	NAME OF INVENTOR: (6)
RESIDENCE & POST OFFICE ADDRESS: 6109 Autumn Point Dr. McKinney, Texas 75070	RESIDENCE & POST OFFICE ADDRESS: 2117 Maple Leaf Drive Plano, Texas 75075	RESIDENCE & POST OFFICE ADDRESS:
COUNTRY OF CITIZENSHIP: U.S.A.	COUNTRY OF CITIZENSHIP: U.S.A.	COUNTRY OF CITIZENSHIP:
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:
DATE: 1-10-01	DATE:	DATE:

TI-31459-101801

NAME OF INVENTOR: (4) Kenneth J. Newton	NAME OF INVENTOR: (5) Dirk N. Anderson	NAME OF INVENTOR: (6)
RESIDENCE & POST OFFICE ADDRESS: 6109 Autumn Point Dr. McKinney, Texas 75070	RESIDENCE & POST OFFICE ADDRESS: 2117 Maple Leaf Drive Plano, Texas 75075	RESIDENCE & POST OFFICE ADDRESS:
COUNTRY OF CITIZENSHIP: U.S.A.	COUNTRY OF CITIZENSHIP: U.S.A.	COUNTRY OF CITIZENSHIP:
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:
DATE:	DATE: 1/10/01	DATE:

TI-31459-101801